

Approved,
PATENT *S. Hsu*
7/10/06.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.: 10/797,425
Applicant: Pradip K. Roy et al.
Art Unit: 2811
Title: **SILICON-GERMANIUM THIN LAYER SEMICONDUCTOR
STRUCTURE WITH VARIABLE SILICON-GERMANIUM
COMPOSITION AND METHOD OF FABRICATION**
Attorney Docket: TPS-008
Confirmation No.: 4397

Cincinnati, OH

June 6, 2006

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

RESPONSE TO FINAL OFFICE ACTION

This paper is responsive to the final Office Action mailed April 6, 2006. The Examiner has indicated that claims 1-29 and 54-57 are pending in the application, claims 1-3, 5, 8, 11-14, 25-57 and 54-57 are rejected and claims 4, 6, 7, 9, 10, 15-24, 28 and 29 are withdrawn from consideration. The following amendments and remarks are respectfully submitted.

Amendments to the Specification:	None
Amendments to the Claims:	Pages 2-9
Amendments to the Abstract:	None
Amendments to the Drawings:	None
Remarks:	Pages 10-15
Attachments:	None